



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. 920976.90172)

In re Application of:

Thundat et al.

Serial No.: 10/077,633

Filed: February 15, 2002

For: Photoelectrochemical Molecular Comb

Group Art Unit: 1753

Examiner: Brian L. Mutschler

REPLY TO THE JULY 27, 2005 OFFICIAL ACTION

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This is a Reply to the July 27, 2005 Official Action issued in the above-captioned U.S. patent application.

Amendments to the Claims are reflected in the **Listing of Claims** which begins on page 2 of this paper.

Remarks begin on page 10 of this paper.